



UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NUMBER	FILING DATE	NAME OF APPLICANT	ATTORNEY DOCKET NO.
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EXAMINER _____

ART UNIT _____ PAPER NUMBER _____

DATE MAILED:**INTERVIEW SUMMARY**

All participants (applicant, applicant's representative, PTO personnel):

(1) Kevin McKinley, Applicant's Representative Melissa Koval, Asst. Examiner
 (2) Russ Adams, SBE (4)

Date of interview: 7/16/03Type: Telephonic Personal (copy is given to applicant applicant's representative):Exhibit shown or demonstration conducted: Yes No If yes, brief description: _____Agreement was reached. was not reached.Claim(s) discussed: 1-19

Identification of prior art discussed: Internet information describing the characteristics of rock crystal as discussed (clarification of claim 1 language relative to p. 26 "a little". Clarification of claim 17 in step of
Description of the general nature of what was agreed to if an agreement was reached, or any other comments:

↓ 3-axis to temperature characteristics. The changes to claim 17 require further consideration by Examiner.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

1. It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph above has been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a response to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.

2. Since the Examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action. Applicant is not relieved from providing a separate record of the interview unless box 1 above is also checked.

Examiner Note: You must sign this form unless it is an attachment to another form.

FORM PTOL-413 (REV.1-90)

Russell Adams
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 SUPERVISORY PATENT EXAMINER
 TECHNOLOGY CENTER 2800